VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS:

1. (Amended) A process of treating internal combustion engine exhaust gas containing O_2, NOx_2 unburnt hydrocarbon ("HC"), CO and soot, comprising:

i. oxidising a substantial part of the HC~~, with possibly some oxidation of NO to NO_2~~;

ii. treating the product of step i to oxidise NO to NO_2;

iii. collecting soot; and

iv. combusting the collected soot by reaction with the NO_2 and possibly any O_2 left over after steps i and ii.

3. (Amended) Process according to claim 1~~ or claim 2~~ carried out over:

i. a first catalyst adapted to be fed with engine exhaust gas and effective to promote oxidation of HC therein;

ii. a second catalyst adapted to be fed with the product of i and effective to promote oxidation of NO to NO_2;

iii. a filter effective to collect soot and to retain it until combusted by said NO_2 and any O_2 left over after catalyst i and ii.

6. (Amended) Process according to~~ any one of the preceding claims~~ claim 1, wherein the HC is in gaseous form.

8. (Amended) Process according to claim 6~~ or claim 7~~ in which the gas leaving step/catalyst i undergoes cooling and then enters step/catalyst ii.

9. (Amended) Process according to ~~any one of the claims 6, 7, and 8, including the provision of~~ claim 6, further comprising providing an increased amount of combustible upstream of ~~the step~~ a first catalyst for effecting step i~~, whereby to increase~~ for increasing the temperature at which ~~that~~ step i operates.

11. (Amended) Process according to ~~any one of the claims 6 to 10~~ claim 6 in which ~~the~~ a first catalyst for effecting step i has a very low light-off temperature for HC and CO oxidation.

12. (Amended) A process according to ~~any one of claims 1 to 5~~ claim 1, wherein the HC is absorbed on the soot.

13. (Amended) Process according to ~~any one of the preceding claims including also~~ claim 1 further comprising removing NOx~~-removal~~ downstream of soot combustion.

14. (Amended) Process according to claim 13 ~~including also~~ wherein removing NOx uses a regenerable NOx absorber downstream of the collecting trap.

16. (Amended) System for ~~carrying out a process according to any one of the preceding claims~~ treating internal combustion engine gas containing O_2, NOx, unburnt hydrocarbon ("HC"), CO and soot, comprising:

i. a first catalyst to receive engine exhaust and effective to promote oxidation of HC therein;

ii. a second catalyst receiving the product of the first catalyst and effective to promote oxidation of NO to NO_2; and

iii. a filter effective to collect soot and to retain it until combusted by reaction with said NO_2 and, depending on conditions, any O_2 left over after the first catalyst.

19. (Amended) A diesel engine in combination with a system according to ~~any one of the claims 16 to 18~~ claim 16 connected to its exhaust.

Claim 25 has been added.